

Sexually Transmitted Disease in Wisconsin

2005

Northern Region



Wisconsin STD Program

Technical notes

1. These reports are compiled by the Wisconsin STD Program and are based on STD case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require health care providers to report cases of chlamydia, gonorrhea, syphilis, primary genital Herpes simplex virus (HSV) infection, chancroid, and pelvic inflammatory disease to local health departments. Local health departments in turn forward reports to the DPH.
2. In this analysis the term "all STDs" refers specifically to reported cases of chlamydia, gonorrhea, syphilis, and primary genital Herpes simplex virus (HSV) infection. Unless otherwise specified, syphilis cases shown in these reports include all stages of disease.
3. These reports include cases diagnosed within the specified period. Additional cases diagnosed within the specified period may continue to be reported. Thus, this report should be considered provisional, and this report supercedes all previous reports.
4. Reporting of STDs cases is incomplete. Reporting rates may vary by disease, geographic region, and demographic groups. At any time, reported STD cases represent only part of the total number of diagnosed cases, therefore STD surveillance data likely underestimate total STD morbidity.
5. In these reports, rates presented are cases per 100,000 population. Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
6. Typically a significant number of STD cases are reported with unspecified race. When noted, imputed race-specific rates have been calculated. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates and should be used only for comparison.
7. In these reports, cases are allocated to the county of residence at the time of diagnosis. Cases diagnosed among inmates of correctional facilities are allocated to the county of the facility.

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Table 1. Reported cases of sexually transmitted disease
Northern Region
Year: 2005

	<u>All STDs</u>		<u>Chlamydia</u>		<u>Gonorrhea</u>		<u>Syphilis</u>		<u>Genital HSV</u>	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Total	1167	100.0%	843	100.0%	63	100.0%	7	100.0%	254	100.0%
Sex										
Male	323	27.7%	250	29.7%	23	36.5%	5	71.4%	45	17.7%
Female	844	72.3%	593	70.3%	40	63.5%	2	28.6%	209	82.3%
Race										
White	648	55.6%	481	57.1%	27	42.9%	2	33.3%	138	54.3%
Black	65	5.6%	56	6.6%	8	12.7%	1	16.7%	0	0.0%
Am. Indian	61	5.2%	57	6.8%	2	3.2%	0	0.0%	2	0.8%
Asian/Pacific Is.	46	3.9%	36	4.3%	7	11.1%	2	33.3%	1	0.4%
Other	14	1.2%	9	1.1%	1	1.6%	1	16.7%	3	1.2%
Unknown	332	28.5%	204	24.2%	18	28.6%	0	0.0%	110	43.3%
Hispanic ethnicity										
Hispanic	27	2.3%	19	2.3%	2	3.2%	1	14.3%	5	2.0%
Non Hispanic	799	68.5%	611	72.5%	43	68.3%	6	85.7%	139	54.7%
Unknown	341	29.2%	213	25.3%	18	28.6%	0	0.0%	110	43.3%
Age group										
0-4	3	0.3%	0	0.0%	0	0.0%	1	14.3%	2	0.8%
5-9	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
10-14	11	0.9%	8	0.9%	2	3.2%	0	0.0%	1	0.4%
15-19	319	27.3%	263	31.2%	18	28.6%	0	0.0%	38	15.0%
20-24	443	38.0%	343	40.7%	22	34.9%	2	28.6%	76	29.9%
25-29	179	15.3%	138	16.4%	10	15.9%	1	14.3%	30	11.8%
30-34	78	6.7%	49	5.8%	6	9.5%	1	14.3%	22	8.7%
35-39	49	4.2%	21	2.5%	0	0.0%	2	28.6%	26	10.2%
40-44	31	2.7%	14	1.7%	1	1.6%	0	0.0%	16	6.3%
45-49	9	0.8%	3	0.4%	3	4.8%	0	0.0%	3	1.2%
50+	45	3.9%	4	0.5%	1	1.6%	0	0.0%	40	15.7%
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Table 2. Reported cases of sexually transmitted disease by year
Northern Region

Year	All STDs	Chlamydia	Gonorrhea	Syphilis	Genital HSV
1993	772	567	37	5	163
1994	595	435	37	3	120
1995	643	436	28	6	173
1996	693	467	30	4	192
1997	516	328	20	3	165
1998	668	493	30	3	142
1999	732	510	48	2	172
2000	884	643	62	0	179
2001	816	591	68	1	156
2002	878	633	103	2	140
2003	1,061	728	113	1	219
2004	1,037	754	83	7	193
2005	1,167	843	63	7	254
Total	10,462	7,428	722	44	2,268

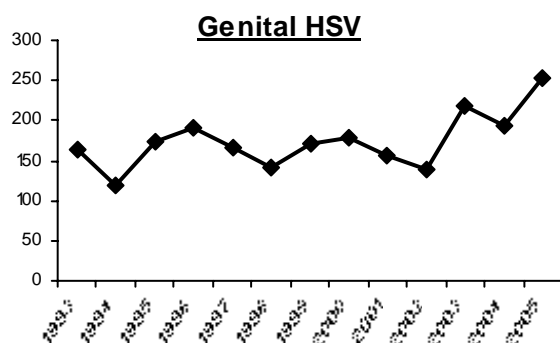
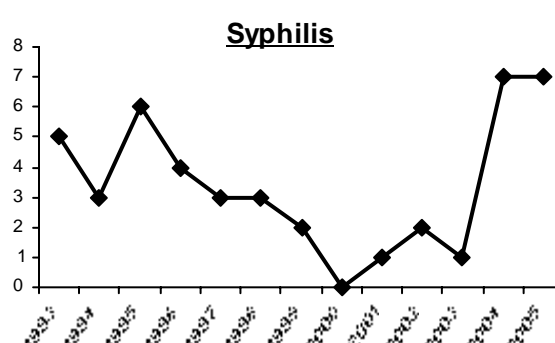
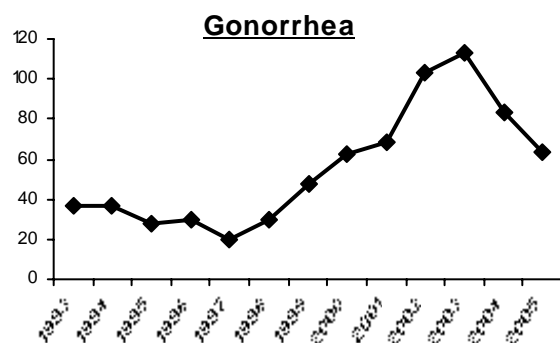
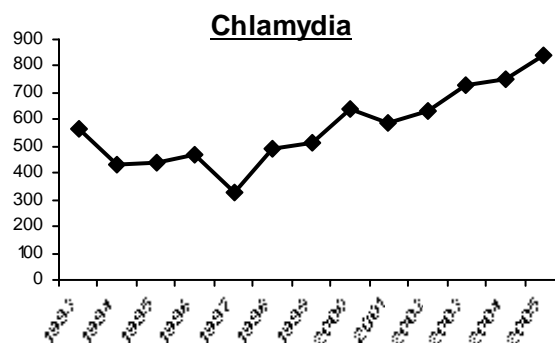
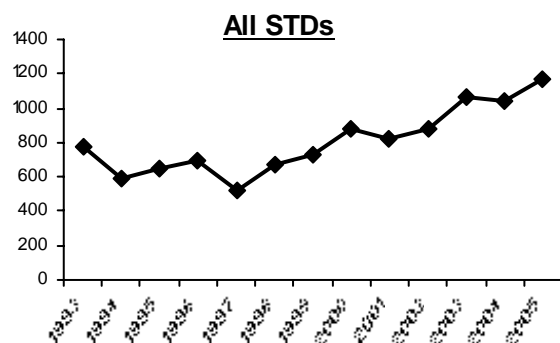


Table 3. Reported cases of sexually transmitted disease by county

Northern Region

Year: 2005

County	<u>All STDs</u>			<u>Chlamydia</u>			<u>Gonorrhea</u>			<u>Syphilis</u>			<u>Genital HSV</u>		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Ashland	20	1.7%	118	14	1.7%	83	0	0.0%	**	0	0.0%	**	6	2.4%	35
Bayfield	15	1.3%	97	11	1.3%	71	2	3.2%	**	0	0.0%	**	2	0.8%	**
Florence	3	0.3%	**	3	0.4%	**	0	0.0%	**	0	0.0%	**	0	0.0%	**
Forest	47	4.0%	464	39	4.6%	385	3	4.8%	**	0	0.0%	**	5	2.0%	49
Iron	3	0.3%	**	3	0.4%	**	0	0.0%	**	0	0.0%	**	0	0.0%	**
Langlade	35	3.0%	165	21	2.5%	99	4	6.3%	**	0	0.0%	**	10	3.9%	47
Lincoln	61	5.2%	201	51	6.0%	168	1	1.6%	**	0	0.0%	**	9	3.5%	30
Marathon	325	27.8%	251	228	27.0%	176	35	55.6%	27	2	28.6%	**	60	23.6%	46
Oneida	82	7.0%	218	58	6.9%	154	1	1.6%	**	0	0.0%	**	23	9.1%	61
Portage	225	19.3%	328	154	18.3%	225	6	9.5%	9	2	28.6%	**	63	24.8%	92
Price	11	0.9%	70	4	0.5%	**	0	0.0%	**	3	42.9%	**	4	1.6%	**
Sawyer	41	3.5%	240	35	4.2%	205	0	0.0%	**	0	0.0%	**	6	2.4%	35
Taylor	20	1.7%	101	14	1.7%	70	0	0.0%	**	0	0.0%	**	6	2.4%	30
Vilas	62	5.3%	280	51	6.0%	230	1	1.6%	**	0	0.0%	**	10	3.9%	45
Wood	217	18.6%	286	157	18.6%	207	10	15.9%	13	0	0.0%	**	50	19.7%	66
Total	1167	100.0%	237	843	100.0%	171	63	100.0%	13	7	100.0%	1	254	100.0%	52

* Cases per 100,000 population

** Rate not calculated for categories with less than 5 cases.

Table 4. Reported cases of sexually transmitted disease by age and disease
Northern Region
Year: 2005

All STDs			Chlamydia			Gonorrhea		
Age	Cases	Rate*	Age	Cases	Rate*	Age	Cases	Rate*
0-4	3	**	0-4	0	**	0-4	0	**
5-9	0	**	5-9	0	**	5-9	0	**
10-14	11	32	10-14	8	23	10-14	2	**
15-19	319	865	15-19	263	713	15-19	18	48
20-24	443	1331	20-24	343	1031	20-24	22	66
25-29	179	685	25-29	138	528	25-29	10	38
30-34	78	285	30-34	49	179	30-34	6	21
35-39	49	150	35-39	21	64	35-39	0	**
40-44	31	77	40-44	14	35	40-44	1	**
45-49	9	22	45-49	3	**	45-49	3	**
50+	45	26	50+	4	**	50+	1	**
Total	1,167	236	Total	843	171	Total	63	12

Syphilis			Genital HSV		
Age	Cases	Rate*	Age	Cases	Rate*
0-4	1	**	0-4	2	**
5-9	0	**	5-9	0	**
10-14	0	**	10-14	1	**
15-19	0	**	15-19	38	103
20-24	2	**	20-24	76	228
25-29	1	**	25-29	30	114
30-34	1	**	30-34	22	80
35-39	2	**	35-39	26	79
40-44	0	**	40-44	16	40
45-49	0	**	45-49	3	**
50+	0	**	50+	40	23
Total	7	1	Total	254	51

* Cases per 100,00 population

** Rate not calculated for categories with less than 5 cases.

Table 5. Reported sexually transmitted disease, reported rates* and imputed rates by race**

Northern Region

Year: 2005

	Cases per 100,000 population***				
	All STDs	Chlamydia	Gonorrhea	Syphilis	Genital HSV
	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed
White	138 - 195	102 - 135	5 - 8	** - **	29 - 51
Black	2842 - 3470	2448 - 2992	349 - 434	** - **	** - **
Am. Indian	527 - 746	492 - 662	** - **	** - **	** - 66
Asian/Pacific Is.	445 - 639	348 - 491	67 - 118	** - **	** - **

* The reported rate is the number reported cases with specified race per 100,000 population. Because some cases are reported with unspecified race, the reported rate under-estimates actual morbidity and thus should be regarded as a minimum estimate.

** The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates.

*** Rate not calculated for categories with less than 5 cases.